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<u>Luis A. Cruz</u> Printed name of person mailing correspondence	 Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Judes Poirier

Art Unit: 1648

Serial No.: 09/500,162

Examiner: Parkin, J.

Filed: February 8, 2000

Title: PHARMACOGENETIC METHODS FOR USE IN THE TREATMENT OF NERVOUS SYSTEMS DISEASES

Assistant Commissioner of Patents  
Washington, DC 20231  
BOX PATENT APPLICATION



INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO 1449.

Submission of this statement is not a representation that a search has been made nor is information included in this statement an admission that the information is material to patentability.

Under 35 USC 120, this application relies on the earlier filing date of application serial number 08/766,975, filed on December 16, 1996. The following references were submitted to and/or cited by the Office in the prior application and, therefore, are not provided in this application:

U.S. 5,508,167	04/16/96	Roses et al.
2716894-A1	09/08/95	France (Abstract)
95/29257	11/02/95	WO
95/16791	06/22/95	WO (Abstract)
94/09155	04/28/94	WO (Abstract)
WO 96 03656A	02/08/96	WO
WO 96 02670A	02/01/96	WO

Hardy et al., Alzheimer's Disease Collaborative Group, "Apolipoprotein Genotype E and Alzheimer's Disease", Lancet 342:737-738, 1993.

Bartus et al., "The Cholinergic Hypothesis of Geriatric Memory Dysfunction", Science 217:408-417.

Bertrand et al., "Association of Apolipoprotein E Genotype with Brain Levels of Apolipoprotein E and Apolipoprotein J(clusterin) in Alzheimer's Disease", Mol. Brain Res. 33:174-178, 1995.

Boyle et al., "Apolipoprotein E Associated with Astrocytic Glia of the Central Nervous System and With Non Myelinating Glia of the Peripheral Nervous System", J. Clin. Invest. 76:1501-1513, 1985.

Brouillet et al., "Chronic mitochondrial energy impairment produces selective striatal degeneration and abnormal choreiform movements in primates", Proc. Natl. Acad. Sco. USA 92:7105-7109 (1995).

Corder et al., "Gene Dose of Apolipoprotein E Type 4 Allele and the Risk of Alzheimer's Disease in Late Onset Families", Science 261:921-923, 1993.

Farlow et al., "Apolipoprotein E Genotype and Gender Influence Response to Tacrine Therapy", Ann. N.Y. Acad. Sci. 802:101-110 (1996)

Goodrum, "Cholesterol Synthesis is Down-Regulated During Regeneration of Peripheral Nerve", J. Neurochem 54:1709-1715, 1990.

Koo et al., "Obligatory Role of Cholesterol and Apolipoprotein E in the Formation of Large Cholesterol-Enriched and Receptor Active High Density Lipoproteins", J. Biol. Chem 260:11934-11943, 1985.

Leblanc et al., "Regulation of Apolipoprotein E Gene Expression After Injury of the Rat Sciatic Nerve", J. Neurosis. Res. 25:162-171, 1990.

Masliah et al., "Neurodegeneration in the Central Nervous System of apoE-Deficient Mice", Exp. Neurol. 136:107-122, 1995.

Masliah et al., "Apolipoprotein E Role In Maintaining the Integrity of the Aging Central Nervous System in: Apolipoprotein E and Alzheimer's Disease", Springer-Verlag, Heidelberg pp 59-73, 1996.

Nalbantoglu et al., "Predictive Value of Apolipoprotein E Genotyping in Alzheimer's Disease....", Ann. Neurol. 36:889-895, 1994.

Noguchi et al., "Apolipoprotein E and Alzheimer's Disease", Lancet (letter) 342:737, 1993.

Payami et al., "Apolipoprotein E and Alzheimer's Disease", Lancet (letter) 342:738, 1993.

Poirier et al., "Apolipoprotein E Allele As a Predictor of Cholinergic Deficits and Treatment Outcome in Alzheimer's Disease", Proc. Natl. Acad. Act. 92:12260-12264, 1995.

Poirier et al., "Cholesterol Synthesis and Lipoprotein Reuptake During Synaptic Remodelling in Hippocampus in Adult Rats", Neuroscience 55:81-90, 1993.

Poirier et al., "Apolipoprotein E Polymorphism and Alzheimer's Disease", Lancet 342:697-699, 1993.

Poirier et al., "Apolipoprotein E, Cholinergic Integrity and Synaptic Plasticity in Alzheimer's Disease in: Apolipoprotein E and Alzheimer's Disease", Springer-Verlag, Heidelberg pp 22-32, 1996.

Poirier et al., "Astrocytic Apolipoprotein E mRNA and GFAP mRNA in Hippocampus After Entorhinal Cortex Lesioning", Mol. Brain Res. 11:97-106, 1991.

Poirier et al., "Cloning of Hippocampal poly(A) RNA Sequences that Increase After Entorhinal Cortex Lesion in Adult Rat", Mol. Brain Res. 9:191-195, 1991.

Reed et al., "Lower Cognitive Performance in Normal Older Adult Male Twins Carrying the Apolipoprotein E Epsilon 4 Allele", Arch Neurol. 51:1189-1192, 1994.

Rothe et al., "Uptake of Endoneurial Lipoprotein Into Schwann Cells and Sensory Neurons is Mediated by Low Density Lipoprotein Receptors and Stimulated After Axonal Injury", J. Neurochem. 57:2016-2025, 1991.

Salvatore et al., "Apolipoprotein E in sporadic and familial Creutzfeldt-Jakob disease", Neurosci. Letters 199:95-98 (1995)

Schellenberg et al., "Genetic Analysis of Familial Alzheimer's Disease", Neurobiol. Aging 17:149, 1996.

Sorbi et al., "ApoE as a diagnostic factor for post-traumatic coma", Nature Medicine 1(9):852 (1995)

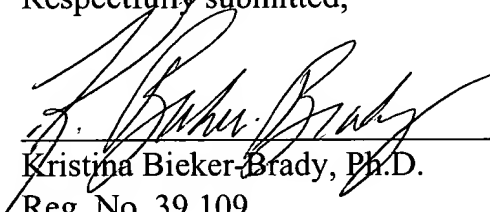
Timchenko et al., "Trinucleotide repeat disorders in humans: discussions of mechanisms and medical issues", FASEB J. 10:1589-1597 (1996)

This statement is being filed with the application. Please apply any charges or credits to Deposit Account No. 03-2095.

Respectfully submitted,

Date:

*February 8, 2000*

  
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